

"As Drilled"

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised July, 16, 2010
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35219	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 38398	⁵ Property Name O'KELLEY	⁶ Well Number 1H
⁷ GRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 5729'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	8	27-N	12-W		1650	NORTH	1335	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	27-N	12-W		694	SOUTH	721	EAST	SAN JUAN

¹² Dedicated Acres 320 acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SET 1/2" REBAR WITH YELLOW CAP LS 8894	N 89°56'34" W 5283.89' (M)	FD. 2 1/2" BC. 1911 GLO
	1650'	
	SURFACE: LAT: 36.59246° N. (NAD 83) LONG: 108.13056° W. (NAD 83) LAT: 36°35'32.82076" N. (NAD 27) LONG: 108°07'47.75990" W. (NAD 27)	SHL 1335'
	8	
	"AS-DRILLED" BOTTOM HOLE: LAT: 36.58439° N. (NAD 83) LONG: 108.12845° W. (NAD 83) LAT: 36°35'03.76798" N. (NAD 27) LONG: 108°07'40.17406" W. (NAD 27)	
	"AS-DRILLED" BHL BHL FOOTAGES ARE "AS-DRILLED" AND PROVIDED BY XTO ENERGY INC. CLIENT	BHL 721'
FD. 2 1/2" BC. 1911 GLO	N 89°54'53" W 5282.18' (M)	FD. 2 1/2" BC. 1911/75 GLO

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 2/27/12
Printed Name: HORRI D. BINGHAM
E-mail Address: horri-bingham@xtoenergy.com

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DATE OF SURVEY: JANUARY 30, 2012
Signature: *[Signature]*
Professional Surveyor:
8800
REGISTERED PROFESSIONAL SURVEYOR
Certificate Number



O'Kelley #1H
San Juan Co., New Mexico



Weatherford

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	167.59	0.00	0.00	0.00	0.00	0.00	0.00	
2	455.03	0.00	167.59	455.03	0.00	0.00	0.00	0.00	0.00	
3	1751.46	90.75	167.59	1273.48	-809.84	178.27	7.00	167.59	829.23	
4	3926.89	90.75	167.59	1245.00	-2934.21	645.91	0.00	0.00	3004.46	Pbhl

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Pbhl	1245.00	-2934.21	645.91	36°35'03.840N	108°07'42.168W	Point

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
O'Kelley #1H	0.00	0.00	2035104.37	2635837.34	36°35'32.856N	108°07'50.088W	N/A

FIELD DETAILS

San Juan, NM (NAD 83)

Geodetic System: US State Plane Coordinate System 1983

Ellipsoid: GRS 1980

Zone: New Mexico, Western Zone

Magnetic Model: IGRF2010

System Datum: Mean Sea Level

Local North: True North



Azimuths to True North
Magnetic North: 9.97°

Magnetic Field
Strength: 50592nT
Dip Angle: 63.25°
Date: 1/10/2012
Model: IGRF2010

Total Correction To True North 9.97°

LEGEND

== O'Kelley #1H, Plan #1
Wft Svy

FORMATION TOP DETAILS

No	TVDPath	MDPath	Formation
1	97.00	97.00	Ojo Alamo SS
2	155.00	155.00	Kirtland Shale
3	745.00	755.26	Fruitland Formation
4	1232.00	1490.09	Upper Fruitland Coal

SITE DETAILS

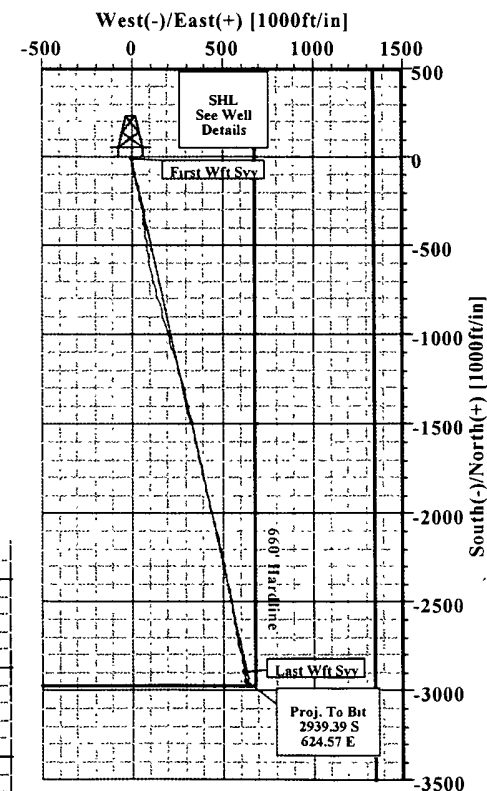
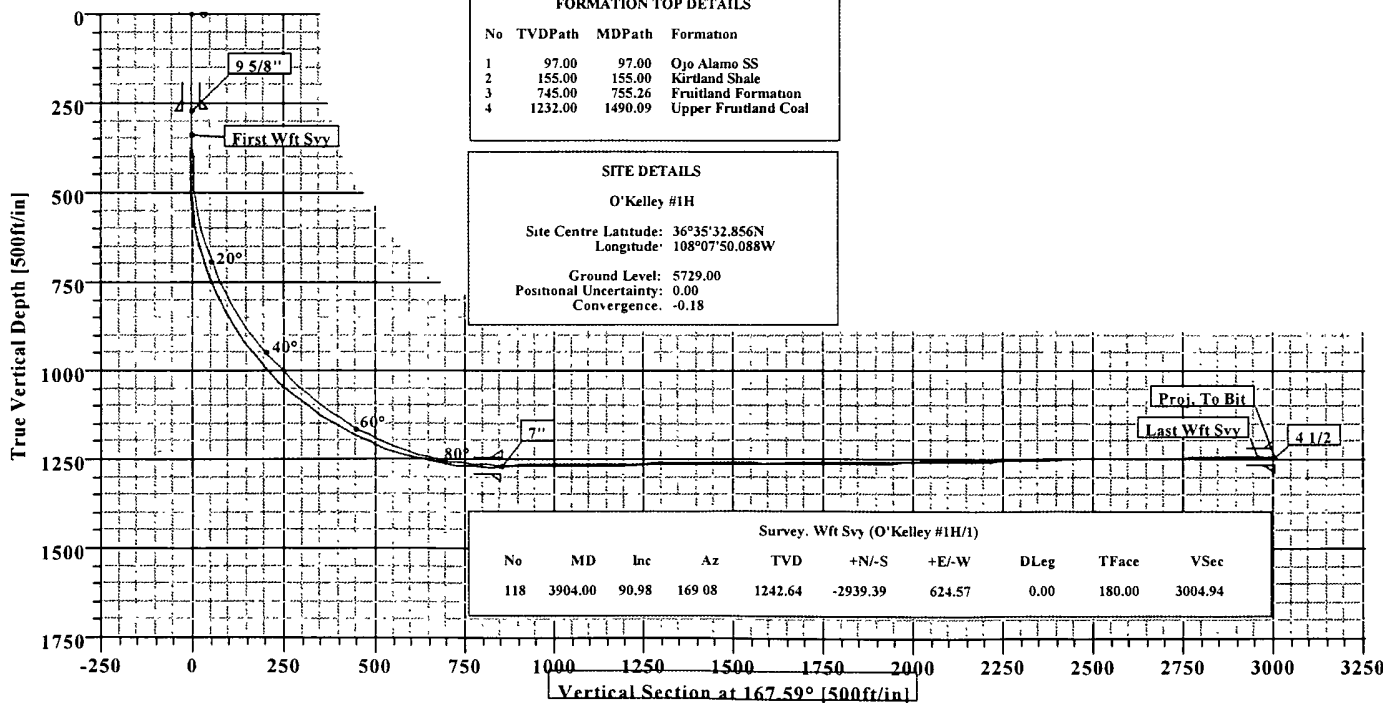
O'Kelley #1H

Site Centre Latitude: 36°35'32.856N
Longitude: 108°07'50.088W

Ground Level: 5729.00
Positional Uncertainty: 0.00
Convergence: -0.18

Survey Wft Svy (O'Kelley #1H/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
118	3904.00	90.98	169.08	1242.64	-2939.39	624.57	0.00	180.00	3004.94



Survey Wft Svy (O'Kelley #1H/1)

Created By Russell W Joyner

Date: 1/2/2012



Weatherford International Ltd.

WFT Survey Report Lat, Long

**Weatherford**

Company: XTO	Date: 1/2/2012	Time: 05:55:26	Page: 1
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference:	Well: O'Kelley #1H, True North	
Site: O'Kelley #1H	Vertical (TVD) Reference:	SITE 5741.0	
Well: O'Kelley #1H	Section (VS) Reference:	Well (0.00N,0.00E,167.59Azi)	
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Svy	Start Date: 12/27/2011
Company: Weatherford International Ltd	Engineer: Russell W. Joyner
Tool: MWD;MWD - Standard	Tied-to: From Surface

Field: San Juan, NM (NAD 83)	
Map System: US State Plane Coordinate System 1983	Map Zone: New Mexico, Western Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: O'Kelley #1H		
Site Position:	Northing: 2035104.37 ft	Latitude: 36 35 32.856 N
From: Geographic	Easting: 2635837.34 ft	Longitude: 108 7 50.088 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 5729.00 ft		Grid Convergence: -0 18 deg

Well: O'Kelley #1H	Slot Name:
Well Position: +N/-S 0 00 ft	Latitude: 36 35 32.856 N
+E/-W 0 00 ft	Longitude: 108 7 50.088 W
Position Uncertainty: 0 00 ft	

Wellpath: 1	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0 00 ft		
Magnetic Data: 1/10/2012	Above System Datum: Mean Sea Level		
Field Strength: 50592 nT	Declination: 9 97 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63 25 deg		
ft	+N/-S	+E/-W	Direction
	ft	ft	deg
0.00	0 00	0.00	167.59

Survey														
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	Lat	Min	Sec	Long	Min	Sec	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft							
0.00	0 00	0 00	0 00	0.00	0.00	0 00	0 00	36	35	32.856	108	7	50.088	9 5/8" First Wft Sv
269.00	1 33	237 15	268.98	-1.69	-2.61	1.09	0 49	36	35	32.839	108	7	50.120	
341.00	1 68	237 15	340.95	-2.71	-4 20	1.75	0 49	36	35	32.829	108	7	50.140	
371.00	1 83	227 52	370.94	-3 27	-4.92	2.14	1 10	36	35	32 824	108	7	50.148	
401.00	1 53	222 75	400 92	-3.89	-5 55	2 61	1 10	36	35	32 818	108	7	50.156	
431.00	1 63	192 97	430 91	-4 60	-5.92	3 22	2 73	36	35	32 810	108	7	50.161	
461.00	3 19	176 22	460 89	-5 85	-5 96	4.43	5 65	36	35	32.798	108	7	50.161	
491.00	5 50	167.60	490.80	-8 09	-5 59	6 70	7 98	36	35	32 776	108	7	50.157	
521.00	8 00	166 72	520 59	-11 52	-4 80	10 22	8 34	36	35	32.742	108	7	50.147	
552.00	10 31	163 35	551.19	-16 28	-3.51	15 15	7 65	36	35	32 695	108	7	50.131	
583.00	12.67	162 74	581 57	-22.19	-1 71	21 30	7.62	36	35	32 637	108	7	50.109	
613.00	14 38	163 72	610.73	-28 91	0 31	28.30	5 75	36	35	32 570	108	7	50.084	
643.00	16 44	166 72	639.66	-36 61	2 33	36.26	7.36	36	35	32.494	108	7	50.059	
674.00	18.38	168.97	669.23	-45 68	4 27	45.53	6 62	36	35	32.404	108	7	50.036	
704.00	20.44	170 60	697 53	-55 49	6.03	55.49	7 10	36	35	32 307	108	7	50.014	
734.00	22 44	170 47	725 45	-66 31	7.84	66 44	6 67	36	35	32 200	108	7	49.992	
764.00	24 44	169 73	752.97	-78 06	9 89	78.37	6 74	36	35	32.084	108	7	49.967	
794.00	26 38	169 10	780 07	-90.72	12 26	91.23	6.53	36	35	31 959	108	7	49.938	
825.00	28 44	169 10	807.59	-104 73	14.96	105 50	6.65	36	35	31 820	108	7	49.905	
855.00	30 38	168 60	833.72	-119.18	17 81	120 22	6 52	36	35	31.677	108	7	49.870	
885.00	32.31	167.47	859.34	-134 45	21 05	135 83	6 72	36	35	31 526	108	7	49.830	
916.00	34.69	166.72	885.19	-151.12	24 87	152.94	7 79	36	35	31 362	108	7	49.783	
947.00	36.63	165.71	910.38	-168 67	29.18	171.00	6 54	36	35	31 188	108	7	49.730	
977.00	38 69	166.35	934.12	-186 46	33 60	189 32	6.99	36	35	31.012	108	7	49.676	



Weatherford International Ltd.

WFT Survey Report Lat, Long

**Weatherford**

Company: XTO	Date: 1/2/2012	Time: 05:55:26	Page: 2
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference: Well: O'Kelley #1H, True North		
Site: O'Kelley #1H	Vertical (TVD) Reference: SITE 5741.0		
Well: O'Kelley #1H	Section (VS) Reference: Well (0.00N,0.00E,167.59Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Lat	Min	Sec	Long	Min	Sec	Comment
1007.00	40.88	167.85	957.18	-205.17	37.88	208.52	7.97	36	35	30.827	108	7	49.623	
1039.00	43.13	167.72	980.95	-226.10	42.42	229.93	7.04	36	35	30.620	108	7	49.568	
1069.00	44.88	169.35	1002.53	-246.52	46.55	250.77	6.95	36	35	30.418	108	7	49.517	
1099.00	44.94	169.85	1023.78	-267.35	50.38	271.93	1.19	36	35	30.212	108	7	49.470	
1129.00	45.66	170.41	1044.88	-288.36	54.03	293.23	2.74	36	35	30.004	108	7	49.425	
1160.00	47.31	170.72	1066.23	-310.54	57.71	315.68	5.37	36	35	29.785	108	7	49.380	
1185.00	49.06	171.10	1082.89	-328.94	60.66	334.29	7.09	36	35	29.603	108	7	49.344	
1215.00	50.94	171.85	1102.18	-351.66	64.06	357.21	6.55	36	35	29.378	108	7	49.302	
1245.00	53.38	171.85	1120.58	-375.11	67.42	380.84	8.13	36	35	29.147	108	7	49.261	
1275.00	56.00	171.60	1137.92	-399.34	70.94	405.25	8.76	36	35	28.907	108	7	49.218	
1305.00	58.55	173.08	1154.13	-424.35	74.30	430.40	9.46	36	35	28.660	108	7	49.177	
1335.00	60.69	173.60	1169.31	-450.05	77.30	456.15	7.29	36	35	28.406	108	7	49.140	
1365.00	62.75	174.35	1183.52	-476.32	80.07	482.40	7.21	36	35	28.146	108	7	49.106	
1396.00	65.00	174.10	1197.17	-504.01	82.88	510.05	7.29	36	35	27.872	108	7	49.072	
1425.00	66.75	172.97	1209.02	-530.31	85.86	536.37	7.00	36	35	27.612	108	7	49.035	
1456.00	69.13	171.85	1220.66	-558.79	89.65	565.00	8.38	36	35	27.330	108	7	48.989	
1485.00	71.59	170.95	1230.41	-585.79	93.74	592.25	8.97	36	35	27.063	108	7	48.938	
1515.00	74.00	169.72	1239.28	-614.04	98.55	620.87	8.94	36	35	26.784	108	7	48.879	
1545.00	76.50	168.60	1246.92	-642.53	104.01	649.87	9.08	36	35	26.502	108	7	48.813	
1575.00	78.81	167.10	1253.33	-671.17	110.18	679.17	9.12	36	35	26.219	108	7	48.737	
1605.00	81.06	166.10	1258.58	-699.91	117.02	708.70	8.19	36	35	25.935	108	7	48.653	
1635.00	83.50	165.47	1262.61	-728.72	124.32	738.41	8.40	36	35	25.650	108	7	48.563	
1665.00	85.60	165.05	1265.46	-757.60	131.92	768.25	7.14	36	35	25.364	108	7	48.470	
1695.00	87.13	164.72	1267.36	-786.50	139.73	798.16	5.22	36	35	25.078	108	7	48.375	
1712.00	88.19	164.97	1268.05	-802.90	144.17	815.12	6.41	36	35	24.916	108	7	48.320	
1741.00	89.90	164.23	1268.54	-830.85	151.87	844.08	6.42	36	35	24.640	108	7	48.226	
1751.46	89.91	164.26	1268.55	-840.92	154.71	854.52	0.33	36	35	24.540	108	7	48.191	7"
1779.00	89.94	164.35	1268.59	-867.43	162.16	882.01	0.33	36	35	24.278	108	7	48.099	
1810.00	91.44	164.10	1268.22	-897.26	170.59	912.96	4.91	36	35	23.983	108	7	47.996	
1840.00	92.31	164.22	1267.23	-926.11	178.77	942.89	2.93	36	35	23.698	108	7	47.896	
1872.00	93.13	164.10	1265.71	-956.86	187.49	974.79	2.59	36	35	23.394	108	7	47.789	
1902.00	92.31	163.83	1264.29	-985.66	195.77	1004.70	2.88	36	35	23.109	108	7	47.687	
1933.00	90.25	163.97	1263.60	-1015.43	204.37	1035.63	6.66	36	35	22.815	108	7	47.582	
1964.00	89.19	163.97	1263.75	-1045.23	212.93	1066.56	3.42	36	35	22.520	108	7	47.477	
1994.00	89.63	163.97	1264.06	-1074.06	221.21	1096.50	1.47	36	35	22.235	108	7	47.375	
2025.00	90.34	164.00	1264.07	-1103.85	229.76	1127.44	2.29	36	35	21.940	108	7	47.270	
2057.00	89.63	164.10	1264.08	-1134.62	238.56	1159.38	2.24	36	35	21.636	108	7	47.163	
2085.00	90.06	163.60	1264.15	-1161.52	246.34	1187.32	2.36	36	35	21.370	108	7	47.067	
2116.00	90.63	163.72	1263.96	-1191.26	255.07	1218.25	1.88	36	35	21.076	108	7	46.960	
2146.00	91.25	163.72	1263.47	-1220.06	263.47	1248.17	2.07	36	35	20.791	108	7	46.857	
2177.00	91.32	164.60	1262.78	-1249.87	271.93	1279.11	2.85	36	35	20.496	108	7	46.753	
2208.00	90.81	165.35	1262.20	-1279.81	279.97	1310.07	2.93	36	35	20.200	108	7	46.655	
2239.00	89.69	165.35	1262.07	-1309.80	287.81	1341.05	3.61	36	35	19.904	108	7	46.559	
2269.00	90.00	165.47	1262.15	-1338.83	295.37	1371.03	1.11	36	35	19.617	108	7	46.466	
2300.00	89.69	166.35	1262.23	-1368.90	302.91	1402.01	3.01	36	35	19.319	108	7	46.374	
2330.00	90.38	167.35	1262.21	-1398.11	309.74	1432.01	4.05	36	35	19.030	108	7	46.290	
2360.00	91.13	167.72	1261.82	-1427.40	316.21	1462.01	2.79	36	35	18.741	108	7	46.210	
2391.00	90.26	168.00	1261.44	-1457.71	322.73	1493.00	2.95	36	35	18.441	108	7	46.131	
2423.00	88.75	168.35	1261.72	-1489.02	329.29	1525.00	4.84	36	35	18.131	108	7	46.050	
2455.00	88.00	168.60	1262.63	-1520.37	335.68	1556.98	2.47	36	35	17.821	108	7	45.972	
2488.00	88.56	168.60	1263.62	-1552.70	342.20	1589.96	1.70	36	35	17.502	108	7	45.892	
2519.00	89.25	168.60	1264.21	-1583.08	348.32	1620.95	2.23	36	35	17.201	108	7	45.817	



Weatherford International Ltd.

WFT Survey Report Lat, Long

**Weatherford**

Company: XTO
Field: San Juan, NM (NAD 83)
Site: O'Kelley #1H
Well: O'Kelley #1H
Wellpath: 1

Date: 1/2/2012 Time: 05:55:26 Page: 3
Co-ordinate(NE) Reference: Well: O'Kelley #1H, True North
Vertical (TVD) Reference: SITE 5741.0
Section (VS) Reference: Well (0.00N,0.00E,167.59Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Lat	Min	Sec	Long	Min	Sec	Comment
2552.00	89.51	168.38	1264.57	-1615.42	354.91	1653.94	1.03	36	35	16.881	108	7	45.736	
2584.00	89.00	168.10	1264.98	-1646.74	361.43	1685.94	1.82	36	35	16.572	108	7	45.656	
2616.00	89.81	167.85	1265.31	-1678.04	368.10	1717.94	2.65	36	35	16.262	108	7	45.574	
2648.00	90.13	167.60	1265.33	-1709.31	374.90	1749.94	1.27	36	35	15.953	108	7	45.491	
2680.00	90.44	167.72	1265.17	-1740.57	381.74	1781.94	1.04	36	35	15.644	108	7	45.407	
2712.00	91.25	167.60	1264.70	-1771.82	388.58	1813.93	2.56	36	35	15.335	108	7	45.323	
2744.00	91.40	167.58	1263.96	-1803.07	395.45	1845.92	0.47	36	35	15.026	108	7	45.239	
2776.00	90.25	167.35	1263.50	-1834.30	402.40	1877.92	3.66	36	35	14.717	108	7	45.154	
2808.00	90.63	167.22	1263.25	-1865.52	409.44	1909.92	1.26	36	35	14.408	108	7	45.067	
2840.00	90.19	167.10	1263.02	-1896.72	416.55	1941.92	1.43	36	35	14.100	108	7	44.980	
2872.00	90.50	167.10	1262.83	-1927.91	423.69	1973.92	0.97	36	35	13.791	108	7	44.893	
2904.00	89.75	166.60	1262.76	-1959.07	430.97	2005.91	2.82	36	35	13.483	108	7	44.803	
2936.00	89.77	166.67	1262.90	-1990.20	438.37	2037.91	0.23	36	35	13.175	108	7	44.713	
2968.00	90.75	166.60	1262.75	-2021.33	445.77	2069.90	3.07	36	35	12.867	108	7	44.622	
3000.00	91.50	166.35	1262.12	-2052.44	453.25	2101.89	2.47	36	35	12.560	108	7	44.530	
3032.00	91.31	166.35	1261.34	-2083.53	460.80	2133.87	0.59	36	35	12.252	108	7	44.438	
3058.00	91.69	166.47	1260.66	-2108.79	466.91	2159.86	1.53	36	35	12.003	108	7	44.363	
3089.00	91.88	166.85	1259.69	-2138.94	474.06	2190.84	1.37	36	35	11.704	108	7	44.275	
3119.00	92.22	167.20	1258.62	-2168.15	480.79	2220.82	1.63	36	35	11.415	108	7	44.192	
3150.00	92.56	166.97	1257.33	-2198.34	487.71	2251.79	1.32	36	35	11.117	108	7	44.108	
3181.00	92.50	167.47	1255.96	-2228.55	494.56	2282.76	1.62	36	35	10.818	108	7	44.024	
3211.00	93.06	167.47	1254.50	-2257.80	501.06	2312.72	1.87	36	35	10.529	108	7	43.944	
3242.00	93.06	167.85	1252.85	-2288.04	507.68	2343.68	1.22	36	35	10.230	108	7	43.863	
3272.00	92.38	168.22	1251.42	-2317.35	513.89	2373.64	2.58	36	35	9.940	108	7	43.787	
3302.00	92.39	168.93	1250.17	-2346.73	519.83	2403.61	2.36	36	35	9.650	108	7	43.714	
3333.00	91.44	169.22	1249.14	-2377.15	525.70	2434.59	3.20	36	35	9.349	108	7	43.642	
3363.00	91.13	169.72	1248.47	-2406.64	531.18	2464.56	1.96	36	35	9.057	108	7	43.575	
3394.00	90.69	169.47	1247.97	-2437.13	536.78	2495.54	1.63	36	35	8.756	108	7	43.506	
3424.00	90.25	169.72	1247.73	-2466.63	542.20	2525.52	1.69	36	35	8.464	108	7	43.440	
3455.00	89.75	170.47	1247.73	-2497.17	547.53	2556.49	2.91	36	35	8.162	108	7	43.374	
3485.00	88.68	170.89	1248.14	-2526.77	552.39	2586.44	3.83	36	35	7.869	108	7	43.315	
3516.00	89.06	171.10	1248.75	-2557.38	557.24	2617.38	1.40	36	35	7.566	108	7	43.255	
3547.00	89.88	170.97	1249.04	-2588.00	562.07	2648.32	2.68	36	35	7.264	108	7	43.196	
3577.00	90.56	170.97	1248.92	-2617.63	566.78	2678.27	2.27	36	35	6.971	108	7	43.138	
3609.00	91.56	170.85	1248.33	-2649.22	571.83	2710.21	3.15	36	35	6.658	108	7	43.076	
3640.00	91.13	170.72	1247.60	-2679.81	576.79	2741.16	1.45	36	35	6.356	108	7	43.015	
3673.00	90.36	170.21	1247.17	-2712.35	582.26	2774.11	2.80	36	35	6.034	108	7	42.948	
3704.00	91.19	169.97	1246.75	-2742.89	587.59	2805.08	2.79	36	35	5.732	108	7	42.883	
3736.00	91.00	169.60	1246.14	-2774.38	593.27	2837.05	1.30	36	35	5.421	108	7	42.813	
3768.00	91.75	169.72	1245.37	-2805.85	599.01	2869.02	2.37	36	35	5.109	108	7	42.743	
3800.00	91.19	169.22	1244.55	-2837.30	604.86	2900.99	2.35	36	35	4.798	108	7	42.671	
3832.00	91.13	168.97	1243.91	-2868.71	610.91	2932.97	0.80	36	35	4.488	108	7	42.597	
3857.00	90.98	169.08	1243.45	-2893.25	615.67	2957.96	0.74	36	35	4.245	108	7	42.539	Last Wft Sy
3904.00	90.98	169.08	1242.64	-2939.39	624.57	3004.94	0.00	36	35	3.789	108	7	42.430	4 1/2

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
269.00	268.98	9.625	12.250	9 5/8"
1751.46	1268.55	7.000	8.750	7"
3904.00	1242.64	4.500	6.125	4 1/2"



Weatherford International Ltd.

WFT Survey Report Lat, Long

**Weatherford**

Company: XTO	Date: 1/2/2012	Time: 05:55:26	Page: 4
Field: San Juan, NM (NAD 83)	Co-ordinate(NE) Reference: Well: O'Kelley #1H, True North		
Site: O'Kelley #1H	Vertical (TVD) Reference: SITE 5741.0		
Well: O'Kelley #1H	Section (VS) Reference: Well (0.00N,0.00E,167.59Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Annotation

MD ft	TVD ft	
341.00	340.95	First Wft Svy
3857.00	1243.45	Last Wft Svy
3904.00	1242.64	Proj. To Bit

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
97.00	97.00	Ojo Alamo SS		0.00	0.00
155.00	155.00	Kirtland Shale		0.00	0.00
755.26	745.00	Fruitland Formation		0.00	0.00
1490.09	1232.00	Upper Fruitland Coal		0.00	0.00
	0.00	Lower Fruitland Coal		0.00	0.00